

Figure 1

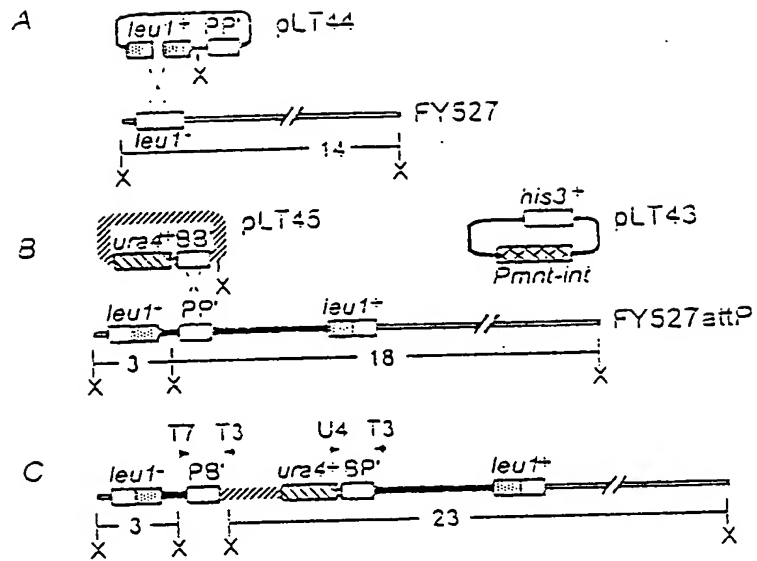
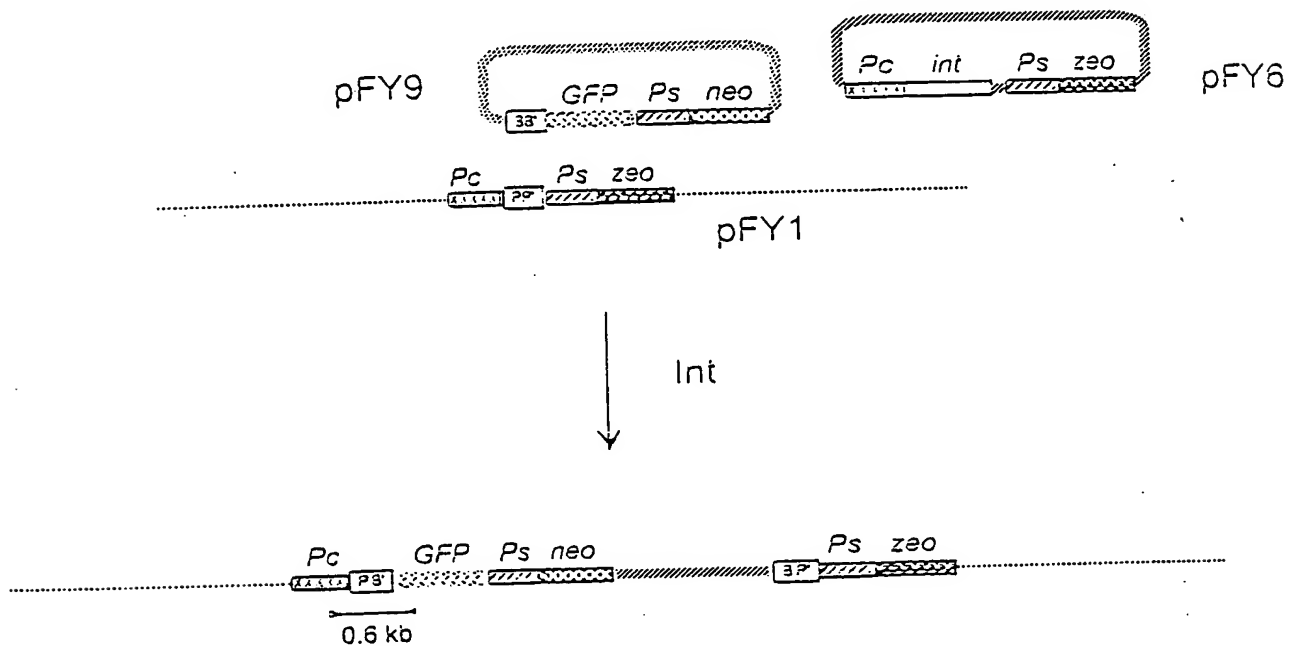


Figure 2

Transgene integration in CHO cell line Site-specific expression of GFP



Pc = human cytomegalovirus promoter
Ps = SV40 early promoter
zeo = zeocin resistance coding region
neo = neomycin resistance coding region

PP = attP
 BB' = attB
 PB' = attR
 BP' = attL

Figure 3

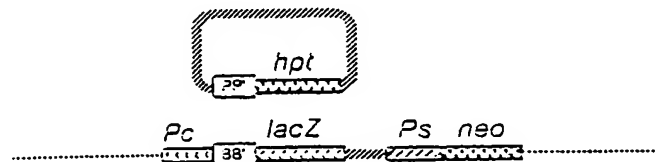
Transgene integration in CHO cell line
hygromycin resistance from *attB* x *attP* recombination

pBSK-hpt (no attP)

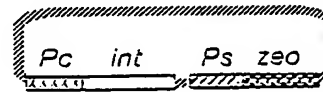
pFY17 (attP-90)

pFY19 (attP-50)

pFY20 (attP-32)



Int

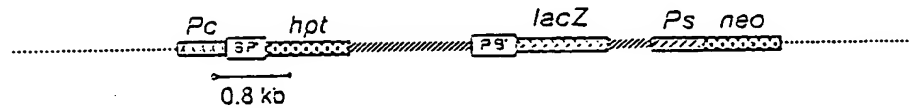


pFY6

pFY12 (attB-90)

pFY14 (attB-50)

pFY15 (attB-30)



Pc = human cytomegalovirus promoter

Ps = SV40 early promoter

zeo = zeocin resistance coding region

neo = neomycin resistance coding region

hpt = hygromycin resistance coding region

lacZ = beta-galactosidase coding region

PP = attP

BB = attB

PP = attR

BB = attL

Figure 4

Excision of DNA from tobacco genome

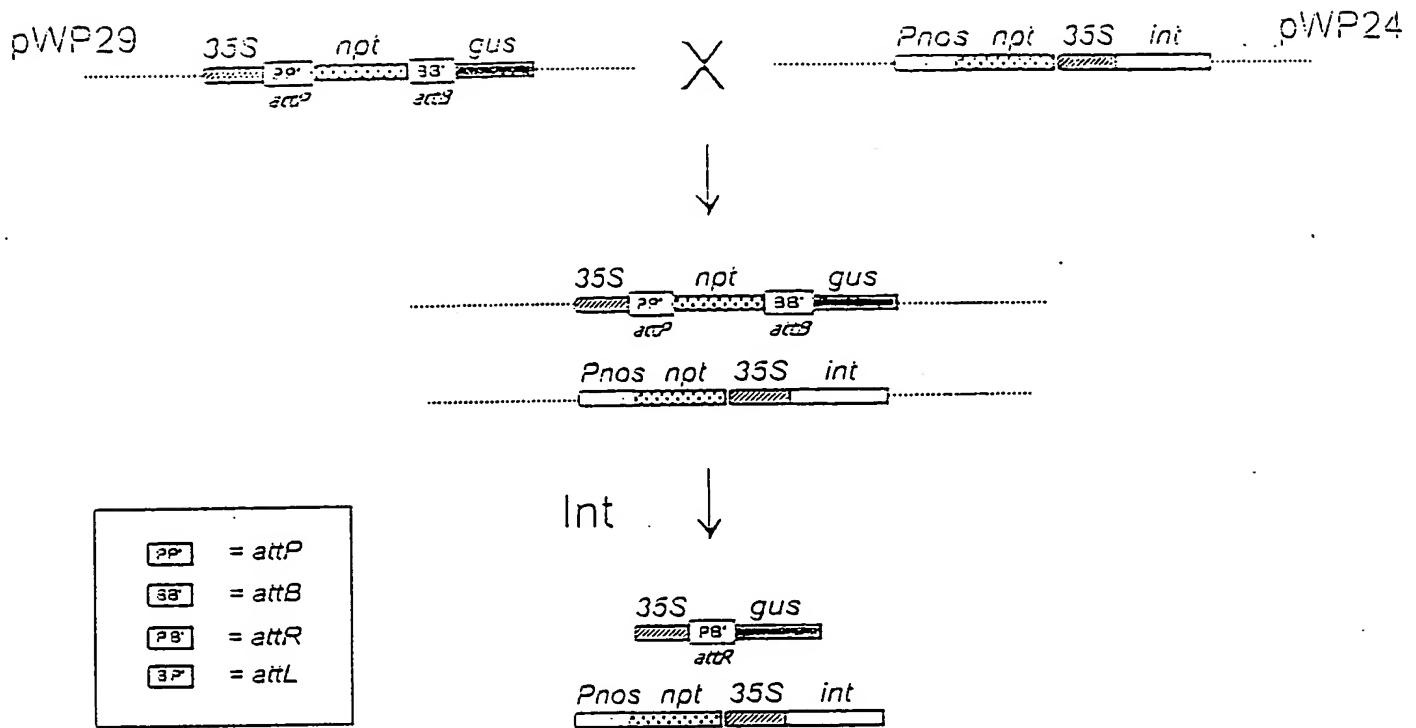


Figure 5

Integration of DNA into the tobacco genome

